

AMENDMENTS

In the Specification:

Please insert the following sentence at the beginning of the paragraph beginning on page 1, line 5 of the specification as originally filed:

a1 — This is a continuation of United States Patent Application Serial Number 09/206,627, ^{Filed} ~~12/1/98~~ 12/1/99

In the Claims:

Prior to computing the fees, please cancel claims 2-18, 20-25 and 27-33, and add claims 34-36. Please enter the following replacement claims, pursuant to 37 C.F.R. § 1.121(c), each replacement claim replacing the correspondingly numbered prior pending claim. For the convenience of the examiner, a clean copy of all pending claims, after the cancellation and addition of claims described above is reproduced below. Following these claims and applicant's remarks, applicant provides a marked-up version of the claims having amendments made thereto.

Please amend the claims as indicated:

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1. A triggerable location-reporting apparatus for use in an environment including:
a source of Global Positioning Satellite System (GPS) signals; a source of a trigger signal; a cellular base station connected through a network to a gateway; the cellular base station being configured to expect a Reverse Control Channel signal including a Mobile Identification Number and an Electronic Serial Number, the triggerable location-reporting apparatus comprising:

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a GPS receiver responsive to the GPS signals for producing GPS data when enabled;
a data selector for selecting less than all of the GPS data, to produce selected GPS data;
a cellular network transmitter coupled to the data selector for formatting and transmitting, when enabled, a Reverse Control Channel signal including the selected GPS data in the place normally occupied by the Electronic Serial Number and a Mobile Identification Number that will cause the cellular base station to send a Registration Notification Invoke signal including the selected GPS data to the gateway;
a trigger signal receiver responsive to the trigger signal for producing an enable signal;
an enable controller coupled to the GPS receiver, the cellular network transmitter, and the trigger signal receiver;
the enable controller being configured to enable the GPS receiver and the cellular network transmitter upon receipt of the enable signal from the trigger signal receiver; and
the enable controller being configured to disable the GPS receiver and the cellular network transmitter.

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19. A method for reporting a location for an object in an environment including: a source of Global Positioning Satellite System (GPS) signals; a source of a trigger; a cellular base station connected through a network to a gateway; the cellular base station being configured to expect a Reverse Control Channel signal including a Mobile Identification Number and an Electronic Serial Number, the method comprising:

receiving a trigger;
enabling, in response to the trigger, a GPS receiver responsive to the GPS signals to produce GPS data;
selecting less than all of the GPS data to produce selected GPS data;
enabling, in response to the trigger, a cellular network transmitter to format and transmit a Reverse Control Channel signal including the selected GPS data in the place normally occupied by the Electronic Serial Number and a Mobile Identification Number that will cause the cellular base station to send a Registration Notification Invoke signal including the selected GPS data to the gateway; and
disabling the GPS receiver and the cellular network transmitter.

26. A triggerable location-reporting apparatus comprising
a location-signal generating device configured to produce a location signal including location data when enabled;
a data selecting device for selecting less than all of the location data to include in the location signal;
a telemetry transmitter coupled to the data selecting device configured to transmit the location signal when enabled; and
an enable controller configured to enable the location-signal generating device and the telemetry transmitter when it receives a trigger signal and to disable the location-signal generating device and the telemetry transmitter after the telemetry transmitter transmits the location signal.

34. The triggerable location-reporting apparatus of claim 1 wherein the data selector reorders the selected GPS data.

95 35. The method of claim 19 further comprising reordering the selected GPS data.

36 The triggerable location-reporting apparatus of claim 26 wherein the data selecting device reorders the selected GPS data.

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